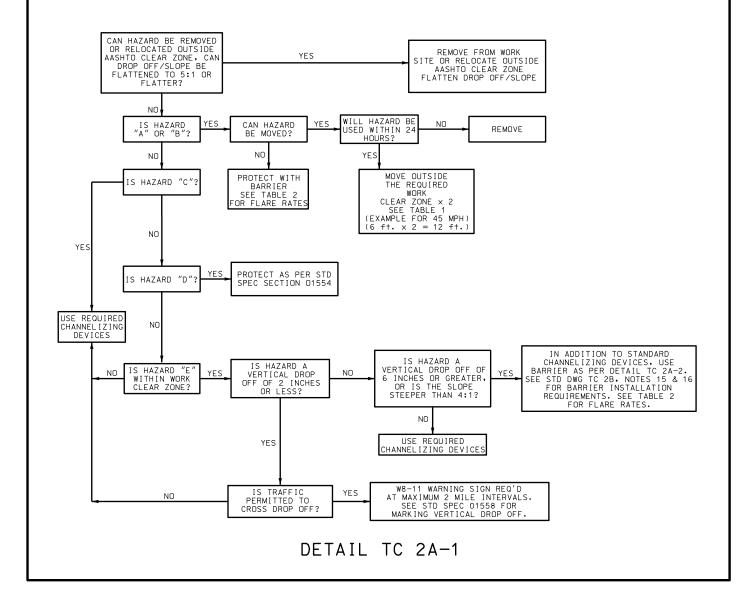
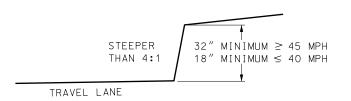
- 1. USE DETAIL TO 2A-1 AND TABLE 1 (WORK CLEAR ZONE) WHEN MITIGATING THE FOLLOWING HAZARDS:
 - A. NON-WORKING EQUIPMENT OR VEHICLES
 - B. STOCKPILED MATERIAL
 - C. WORKING VEHICLES AND WORKERS (NON-FLAGGERS)
 - D. OTHER OBJECTS AND FEATURES (I.E.: BRIDGE PARAPETS, BARRIER BLUNT ENDS, POLES)
 - E. SLOPES STEEPER THAN 4:1 OR A VERTICAL DROP OFF* OF LESS THAN 48 INCHES (SEE DETAIL TC 2A-2 FOR EXAMPLES)
- 2. MITIGATE ALL OTHER HAZARDS, SLOPES STEEPER THAN 4:1, OR VERTICAL DROP OFFS* 48 INCHES OR GREATER WITHIN AASHTO CLEAR ZONE AS APPROVED BY THE REGION TRAFFIC ENGINEER.



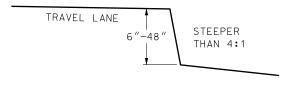
* DROP OFF IS A VERTICAL DIFFERENCE THAT MAY BE FROM THE WORK TO THE ROADWAY OR THE ROADWAY TO THE WORK.

VERTICAL FACE



BARRIER REQUIRED
UNLESS FORESLOPE IS
A SMOOTH UNIFORM SURFACE
OF SUITABLE MATERIAL
TO REMAIN STABLE
AND NOT SPALL AT
SPEED AND HEIGHT SHOWN

SLOPE STEEPER THAN 4:1
AND VERTICAL EXCAVATION



WITHIN WORK CLEAR ZONE USE BARRIER

OUTSIDE WORK CLEAR ZONE USE DEVICES

> 48" OBTAIN APPROVAL FROM REGION TRAFFIC ENGINEER

TYPE "E" VERTICAL DROP OFF HAZARDS DETAIL TC 2A-2

TABLE 1 Work Clear zone		
MPH	FEET	
40 & LESS	3	
45	6	
50	6.5	
55	7.5	
60	8	
65	8.5	
70	9	
75	10.5	

TABLE 2 WORK ZONE FLARE RATES TEMPORARY BARRIER		
MPH	FLARE	
70	20:1	
65	18:1	
60	17:1	
55	16:1	
50	14:1	
45	10:1	
40	6 : 1	

TRANSPORTATION

DERIDGE CONSTRUCTION HAZARD MITIGATION

STD DWG

TC 2A

SUPPLEMENTAL DRAWING